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| FORM PTO-1449  | INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET 33216M068 | SERIAL NO. 09/776,761 |
| | APPLICANT: Hiroyuki Asakura | | |
| | FILING DATE February 6, 2001 | GROUP ART UNIT 2873 | |

U.S. PATENT DOCUMENTS


| *Examiner's Initials | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE, IF APPROPRIATE |
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| #D | AA | 5,307,740 | 5/3/94 | Yamamoto et al. | — | — | |
| #D | AB | 5,244,470 | 9/14/93 | Onda et al. | — | — | |
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| | AD | | | | | | |
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| | AG | | | | | | |

FOREIGN PATENT DOCUMENTS

| *Examiner's Initials | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO | |
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| #D | AH | 61-223820 | 10/4/86 | Japan | — | — | Abstract | |
| #D | AI | 5-96034 | 12/27/93 | Japan | — | — | Partial Translation | |
| #D | AJ | 2-142814 | 12/4/90 | Japan | — | — | Partial Translation | |
| | | | | | | | | |

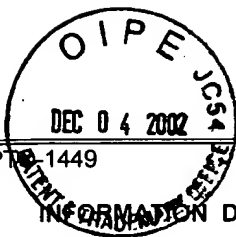
OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AK | |
| | AL | |
| | AM | |
| | AN | |
| | AO | |
| | AP | |
| | AQ | |

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| EXAMINER:  | DATE CONSIDERED: 9/03 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**PREVIOUSLY SUBMITTED WITH IDS DATED 1/3/02



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| FORM P-1449 INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET 33216M068 | SERIAL NO. 09/776,761 |
| | Hiroyuki ASAKURA | |
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|----------------------|----|-----------------|--------|--------------|--------------|--------------|-----------------------------|
| <i>HD</i> | AA | 4,039,827 | 8/2/77 | Zdrok et al. | — | — | |
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| | AF | | | | | | |
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| *Examiner's Initials | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO | |
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| <i>HD</i> | AH | 2-120787 | 5/8/90 | Japan | — | — | Abstract | |
| | AI | 53-27435 | 3/14/78 | Japan | — | — | | X |
| | AJ | 8-281819 | 10/29/96 | Japan | — | — | Abstract | |
| | AK | 11-221830 | 8/17/99 | Japan | — | — | Abstract | |
| <i>HD</i> | AL | 10-311904 | 11/24/98 | Japan | — | — | Abstract | |

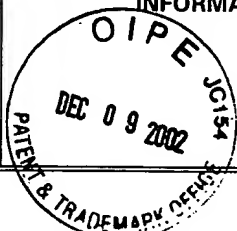
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| EXAMINER: <i>HD</i> | DATE CONSIDERED: <i>8/03</i> |
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT



ATTY. DOCKET

33216M068

SERIAL NO.

09/776,761

Hiroyuki ASAKURA

FILING DATE

February 6, 2001

GROUP ART UNIT

2873

U.S. PATENT DOCUMENTS

| *Examiner's Initials | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE, IF APPROPRIATE |
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| | AA | 4,145,125 | 3/20/79 | Chika | 351 | 165 | RECEIVED DEC 11 2002 TC 2800 MAIL ROOM |
| | AB | | | | | | |
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| *Examiner's Initials | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | |
|-------------------------|----|--------------------|---------|---------|-------|---------------|-------------|----|
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| | AH | EP 0 472 496 | 2/26/92 | EPO | — | — | | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| | AL | | | | | | | |

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AM | Written Opinion for Application No. SG 200100659-2, (form APO/SG/408); mailed September 24, 2002 |
| | AN | Australian Patent Office Search Report for Application No. SG 200100659-2, (form APO/SG/210) |
| | AO | Patent Abstract of Japan, Publication No. 08-106002, Publication Date April 23, 1996 |
| | AP | |
| | AQ | |
| | AR | |
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| | | 9/03 |
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